

DERWENT-ACC-NO: 2002-483578

DERWENT-WEEK: 200301

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TITLE: Recycle type aqueous adhesive composition for the manufacture of overlaid decorative laminates comprises two kinds of copolymer emulsions and thermally expansive fine hollow particle

PRIORITY-DATA: 2000JP-0306867 (October 5, 2000)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
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| JP 2002114959 A | April 16, 2002 | N/A | 006 | C09J 123/08 |

INT-CL (IPC): C09J123/08, C09J129/04, C09J131/04, C09J175/04

ABSTRACTED-PUB-NO: JP2002114959A

BASIC-ABSTRACT:

NOVELTY - Recycle type aqueous adhesive composition (P) is composed of a certain polyvinyl alcohol-containing ethylene-vinyl acetate-polyfunctional monomer copolymer emulsion (A). It contains 70 mass % toluene insolubles, a certain sulfonic acid modified anionic polyurethane emulsion (B), and a certain thermally expansive fine hollow particle (C).

USE - (P) is suitably used for manufacture of overlaid decorative laminates by bonding plastic sheets to porous boards.

ADVANTAGE - (P) exhibits excellent adhesion strengths to both of plastic sheets and porous boards and thus obtained overlaid decorative laminates can be used for manufacture of various kinds of construction materials and residential equipment. Wastes of thus obtained overlaid decorative laminates after application period can be easily separated to plastic sheets and porous boards just by being heated to a temperature exceeding 150 deg. C and so recovered

plastic sheets can be recycled.

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Basic Abstract Text - ABTX (1):

NOVELTY - Recycle type aqueous adhesive composition (P) is composed of a certain polyvinyl alcohol-containing ethylene-vinyl acetate-polyfunctional monomer copolymer emulsion (A). It contains 70 mass % toluene insolubles, a certain sulfonic acid modified anionic polyurethane emulsion (B), and a certain thermally expansive fine hollow particle (C).

Title - TIX (1):

Recycle type aqueous adhesive composition for the manufacture of overlaid decorative laminates comprises two kinds of copolymer emulsions and thermally expansive fine hollow particle

Standard Title Terms - TTX (1):

RECYCLE TYPE AQUEOUS ADHESIVE COMPOSITION MANUFACTURE
OVERLAY DECORATE
LAMINATE COMPRIZE TWO KIND COPOLYMER EMULSION THERMAL
EXPAND FINE HOLLOW
PARTICLE